

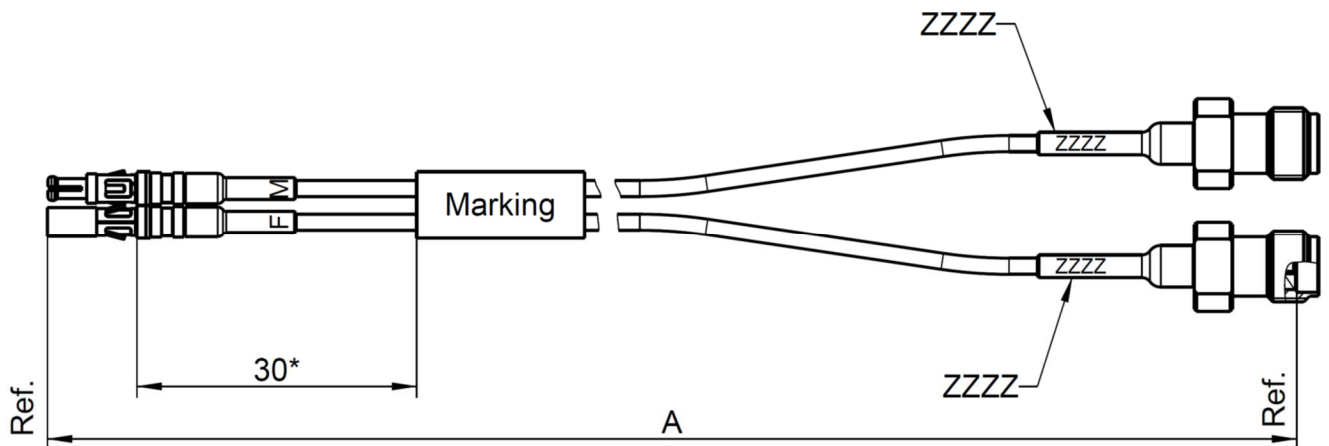
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RF_35/09;14/6.2

Technical Data Sheet

Rosenberger

cable set
Mini Coax Plug/Jack - SMA Jack - RTK 047

L99-A0482-XXX-Y



All dimensions are in mm; tolerances: $\pm 3\text{mm}$ for $A \leq 300\text{ mm}$; $\pm 1\%$ for $A > 300\text{ mm}$
) movably

Available variants

Type	max. Insertion loss at 20 GHz	Marking	Weight (g) / pce
L99-A0482-XXX-Y	$\leq 0.005\text{ dB/mm} * A\text{ mm} + 0.6\text{ dB}$	ROSENBERGER YYY-YY L99-A0482-XXX-Y FAC-RRRRRRR	$0.011\text{ g/mm} * A\text{ mm} + 5.0\text{ g}$

XXX – length in mm = A

Y – pair matching (non, 2ps)

WW – week

YYYY – year

zzzz – individual serial no.

FAC – Factory Code

RRRRRRR – lot nr.

Note:

max. Insertion Loss:

First constant = Cable attenuation in dB /mm; Second Constant = Connector left and Connector right +needed Adaptor

Weight:

First constant = Cable- and Armour- weight per mm; Second Constant = Connector left and Connector right weight per pce

Assembly parts

Connector left	Mini Coax plug	23S104-270L5
Connector left	Mini Coax jack	23K104-270L5
Connector right	SMA jack	32K101-270L5
Cable	RTK 047	

Documents

Assembly instruction	23 MV-A008
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cable set Mini Coax Plug/Jack - SMA Jack - RTK 047				L99-A0482-XXX-Y			
Electrical data Impedance50 Ω FrequencyDC to 20 GHz Return loss¹≥ 14 dB, DC to 20 GHz Insertion loss¹see table available variants Phase matched by pairsdepending on Part Number non - non matched 2ps - max. 2ps delay difference Individual testing: The S-Parameters (S11; S22; S21; S12) will be tested and the cable pairs are measured for phase matching ¹ Return Loss and Insertion Loss includes the measurement adaptor Mechanical data Minimum bend radius: Single5.1 mm Multiple10.2 mm Housing 2 Channel23Z121-008 4 Channel23Z121-007 6 Channel23Z121-004 8 Channel23Z121-005 Tooling Extraction tool23W100-000 Environmental data Temperature range-40°C to +115°C RoHScompliant While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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